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**From:** Carusiello, Chris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=80A8C0F42E764C2C855B2C50A4A4DC7D-CARUSIELLO,]  
**Sent:** 3/2/2016 1:54:00 PM  
**To:** McQueen, Jacqueline [McQueen.Jacqueline@epa.gov]; Villamizar, Nicole [Villamizar.Nicole@epa.gov]  
**CC:** Janjic, Ksenija [Janjic.Ksenija@epa.gov]  
**Subject:** RE: Request for OLEM  
**Attachments:** Tire Crumb Manufact Appendix A 3.2.16.docx

Good morning Jackie,

I've taken some time to look over the 2015 Scrap Tire and Rubber Users Directory to get a sense of that very thing, how many recyclers/manufacturers (I've only included those who list "crumb rubber" in their description, not necessarily the haulers who's role would be to bring the tires to the manufacturing facility) are out there that we know of. I've organized the list by State and region, please see the attached document. There are about 50 in this list.

It would be good to clarify with Scrap Tire News if the list is fully inclusive or if there are potentially more operations out there when we have our stakeholder calls. It would also be nice to get a breakdown (if known) of the amount of processors using ambient, cryogenic, and wet grind tire processing.

Let us know if you have any additional questions!

Best,  
Chris

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**From:** McQueen, Jacqueline  
**Sent:** Wednesday, March 02, 2016 7:00 AM  
**To:** Villamizar, Nicole <Villamizar.Nicole@epa.gov>; Carusiello, Chris <Carusiello.Chris@epa.gov>  
**Subject:** FW: Request for OLEM

Good morning,

See Fred's note below. Do you think we can get this information easily or quickly from the Recycled Rubber Council or some other organization? Let me know what you think or if we should talk.

Jackie

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**From:** Hauchman, Fred  
**Sent:** Tuesday, March 01, 2016 6:25 PM  
**To:** McQueen, Jacqueline <McQueen.Jacqueline@epa.gov>  
**Cc:** Fegley, Robert <Fegley.Robert@epa.gov>  
**Subject:** Request for OLEM

Jackie,

The discussion with Tom, Jennifer, Annette and Kacee went well today. I'll fill you in when I'm back in the office on Thursday.

A couple items came up for which we have the action. One is to check with OLEM to find out when they will be able to give us an estimate of how many recycling operations there are in the U.S., if there are only a few major recyclers, and where they are located across the U.S. This will hopefully provide some insights on the possible variability that may exist

in the products – although of course this doesn't directly answer the question about the variability of the feedstock (i.e., the tires).

Would you check with OLEM to find out how long it will take them to give us this information? I expect that even a preliminary assessment will be helpful.

The second items is for me to contact OGC to see if what concerns they may have about us (or CDC, for that matter) reaching out to associations or communities to identify fields to be studied. We can also discuss this on Thursday.

I sent an invitation to you for us to talk on Thursday morning.

Thanks,  
Fred

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